WHAT IS CLAIMED IS:

1. A support core ribbon for a cold-shrink tube, said cold-shrink tube including an elastomeric tube and a tubular support core deposited in said elastomeric tube for supporting said elastomeric tube, said tubular support core formed by a continual ribbon wound helically, said helically wound ribbon having two formed edges of two longitudinal portions interlocking with each other and welded together:

Said ribbon characterized by at least a groove formed in one outer surface, said groove having a lowest point of a thickness far smaller than that of said ribbon, said groove having connecting force far less than that of said two formed edges of two longitudinal portions interlocking with each other, said ribbon easily ripping off at said groove in case of said helical wound ribbon forming said tubular support core pulled by an exterior force.

2. The support core ribbon for a cold-shrink tube as claimed in Claim 1, wherein said groove has a plurality of holes spaced apart equidistantly in its intermediate portion.

3. The support core ribbon for a cold-shrink tube as claimed in Claim 1, wherein said groove is single-V-shaped.

4. The support core ribbon for a cold-shrink tube as claimed in Claim 1, wherein one of said two

edges is provided with a first straight groove formed in a lower surface of said ribbon and defined by a first projecting portion, and the other of said two edges is provided with a second straight groove in an upper surface of said ribbon and defined by a second projection.

5. The support core ribbon for a cold-shrink tube as claimed in Claim 1, wherein said two edges are welded together by means of ultrasonic welding after interlocking with each other.